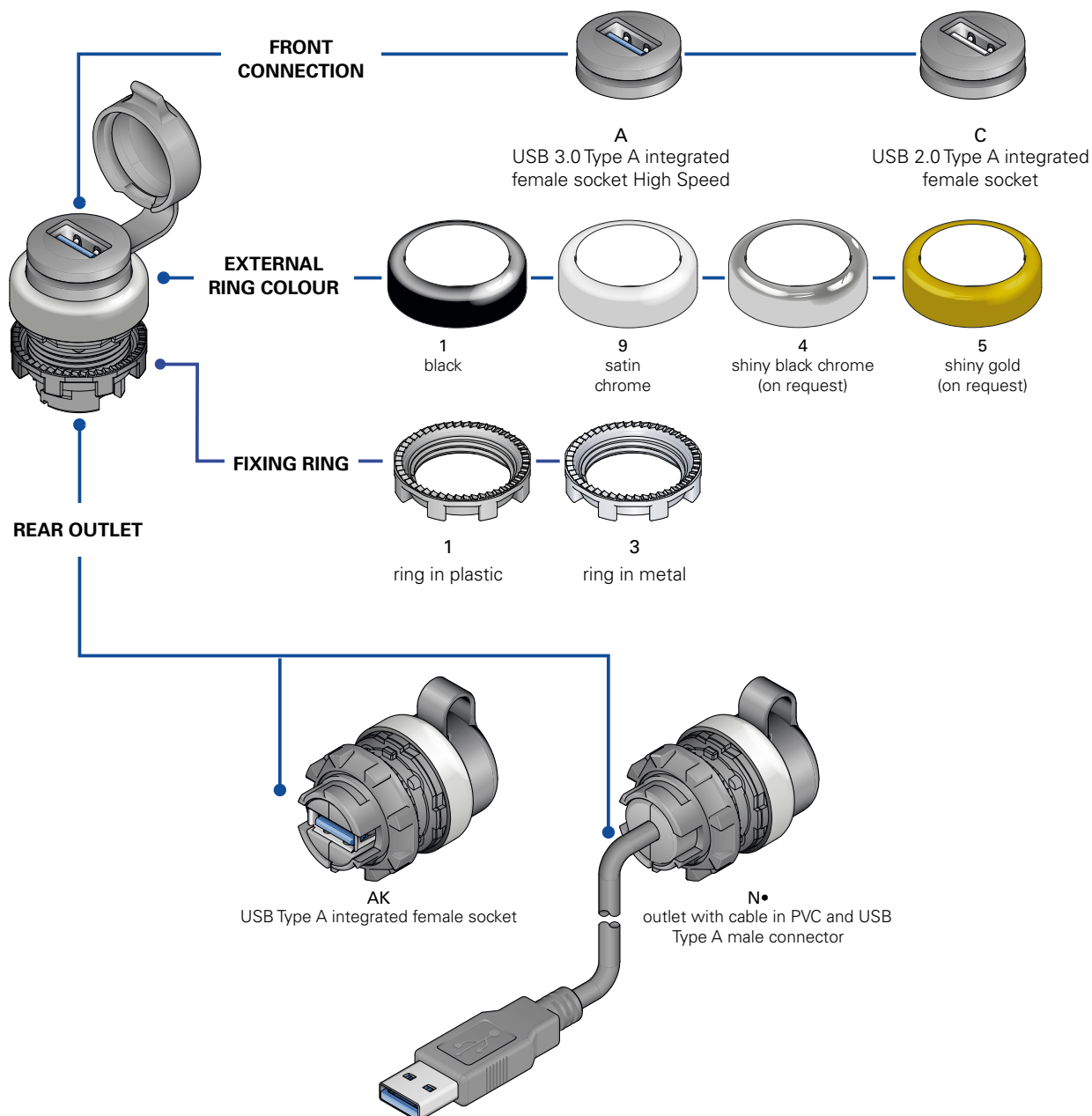


Selection diagram



Code structure

E2 1USB9CAK

Fixing ring and shaped ring		Back connection	
1	ring in plastic	AK	USB Type A integrated female socket
2	ring in plastic and shaped ring	N1.8	outlet with cable in PVC (1.8 m long) and USB Type A male socket
3	ring in metal	N3	outlet with cable in PVC (3 m long) and USB Type A male connector
4	ring in metal and shaped ring	N5	outlet with cable in PVC (5 m long) and USB Type A male connector

All N versions are available from the 3th quarter of 2013

Ring colour		Front connection	
1	black (standard)	A	USB 3.0 Type A integrated female socket
9	satin-finish chrome (standard)	C	USB 2.0 Type A integrated female socket
4	shiny black chrome (on request)		
5	shiny gold (on request)		



Technical data

General data

Connections:

Protection degree:

Ambient temperature:

Ring driving torque:

Utilization requirements:

USB 3.0 or USB 2.0

IP67 according to IEC 60529
with hood closed

-25°C +80°C

2 ... 2,5 Nm

see page 3/98

In conformity with standards:

IEC 60947-1, IEC 60947-5-1, IEC 60204-1, EN 60947-1, EN 60947-5-1, EN 60204-1, UL 508, CSA 22-2 N°14

In conformity with requirements requested by:

Low Voltage Directive 2006/95/EC

Machinery Directive 2006/42/EC

Electromagnetic Compatibility 2004/108/EC.

Main features

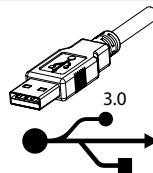
- Two data transfer speeds
- Protection degree IP67
- Version with socket/socket
- Version with socket/cable/male connector

Markings and quality marks:



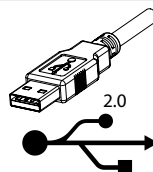
USB 3.0 High Speed

The USB socket for a 22 mm dia. push-button panel uses latest-generation USB 3.0 connectors, in order to offer maximum data transfer speed. Moreover, the socket is also backward compatible with previous USB connectors.



USB 2.0

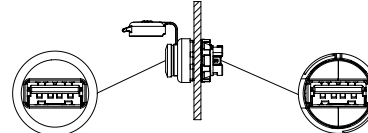
The USB socket for a 22 mm dia. push-button panel is also available with USB 2.0 connectors and standard data transfer speed. This option offers the best value for money.



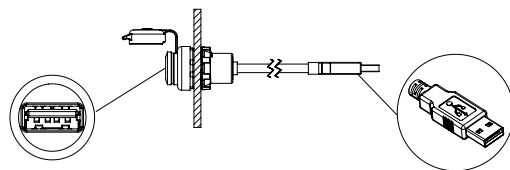
Versions with socket and with cable

To make device installation versatile and suitable for any situation, two versions are offered:

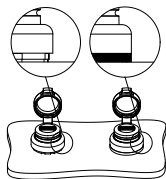
- with female socket-to-female socket connection



- with female socket-to-cable - male connector (available in different lengths)



Shaped ring

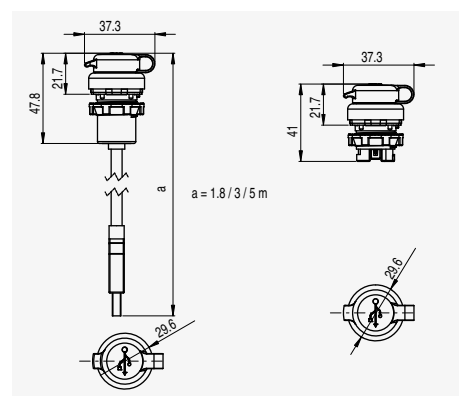


The shaped ring can be used when no label holders or other devices are applied; it prevents dirt and other residues from settling between the pushbutton and the panel or box. This turns out to be particularly useful in the sectors where high standards of cleanness and hygiene are required.

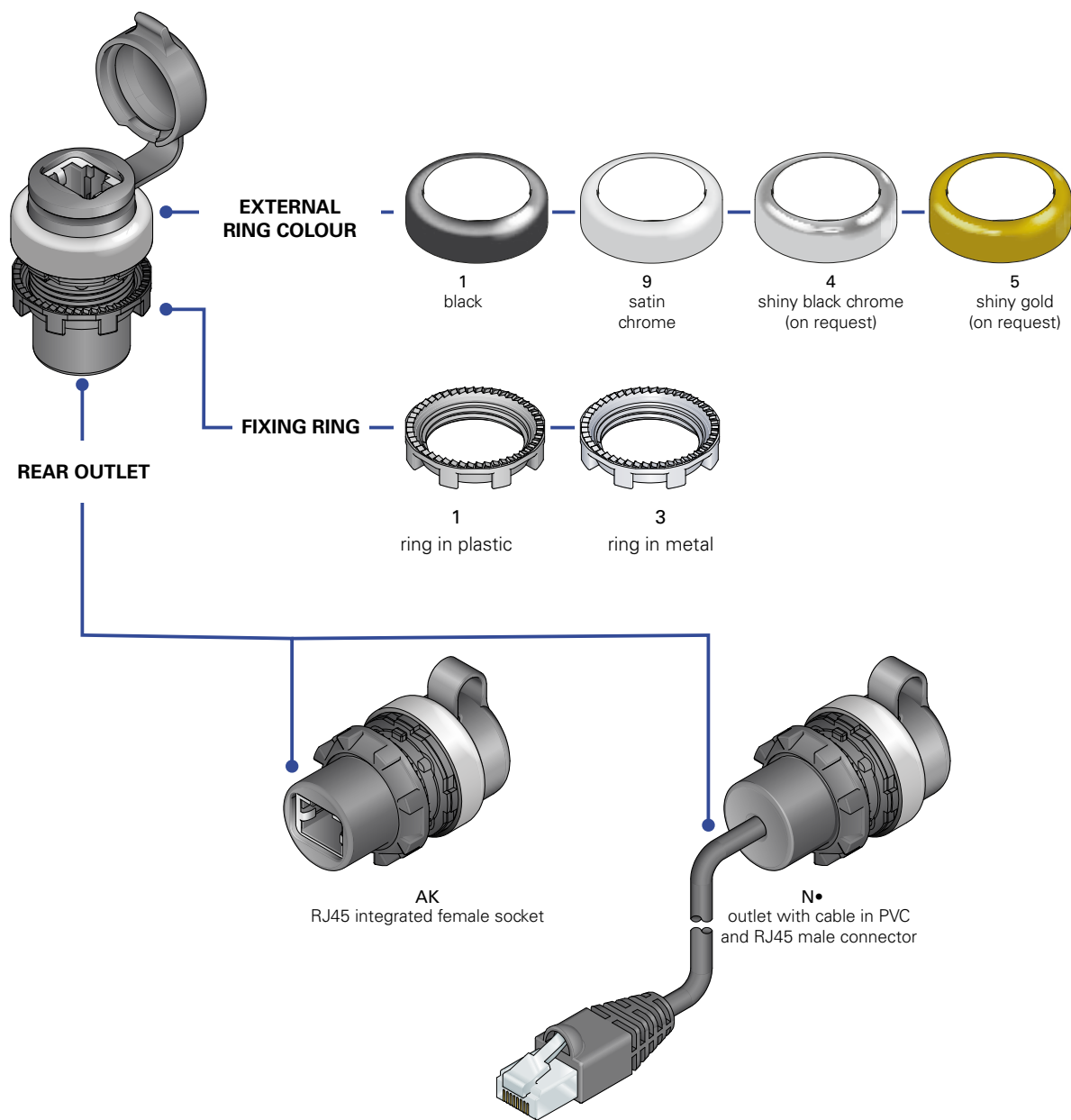
Protection hood

The protection hood integrated in the device ensures maximum strength, preventing any water or dirt from penetrating inside. The hood remains joined to the device even when it is not fastened, so that it cannot be lost; besides, its shape does not stop the plate holder from being mounted.

Dimensions



Selection diagram



Code structure

E2 1RJ459AAK

Fixing ring and shaped ring		Back connection	
1	ring in plastic	AK	RJ45 integrated female socket
2	ring in plastic and shaped ring	N1	outlet with cable in PVC (1 m long) and RJ45 male connector
3	ring in metal	N1.5	outlet with cable in PVC (1.5 m long) and RJ45 male connector
4	ring in metal and shaped ring	N2.5	outlet with cable in PVC (2.5 m long) and RJ45 male connector

Ring colour		Front connection	
1	black (standard)	A	RJ45 integrated female socket
9	satin-finish chrome (standard)		
4	shiny black chrome (on request)		
5	shiny gold (on request)		

Attention! The feasibility of a code number does not mean the effective availability of a product. Please contact our sales office.



Technical data

General data

Connection:	RJ45
Protection degree:	IP67 according to IEC 60529 with hood closed
Ambient temperature:	-25°C +70°C
Ring driving torque:	2 ... 2,5 Nm
Utilization requirements:	see page 3/98

In conformity with standards:

IEC 60947-1, IEC 60947-5-1, IEC 60204-1, EN 60947-1, EN 60947-5-1, EN 60204-1, UL 508, CSA 22-2 N°14

In conformity with requirements requested by:

Low Voltage Directive 2006/95/EC
Machinery Directive 2006/42/EC
Electromagnetic Compatibility 2004/108/EC.

Main features

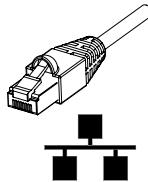
- RJ45 connectors
- Protection degree IP67
- Version with socket/socket
- Version with socket/cable/male connector

Markings and quality marks:



RJ45

The network socket uses RJ45 connectors, for Ethernet networks. Its particular structure makes it possible to bring the Ethernet connection outside the electrical panel, without necessarily needing it to be opened.

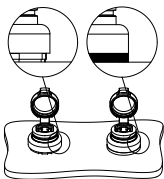


Fixing ring

A fixing ring in metal is also available in addition to the fixing ring in technopolymer.

The fixing ring in metal is particularly suitable for those applications which require tighter fitting of the panel-mounted device, such as for example in metal panels having holes without reference notches. Both rings feature a toothed surface which comes into contact with the inside of the panel in order to make it easier for the device to be secured to the actual panel.

Shaped ring



The shaped ring can be used when no label holders or other devices are applied; it prevents dirt and other residues from settling between the pushbutton and the panel or box. This turns out to be particularly useful in the sectors where high standards of cleanness and hygiene are required.

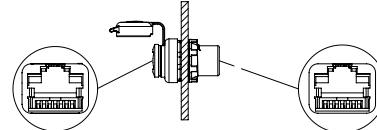
Protection hood

The protection hood integrated in the device ensures maximum strength, preventing any water or dirt from penetrating inside. The hood remains joined to the device even when it is not fastened, so that it cannot be lost; besides, its shape does not stop the plate holder from being mounted.

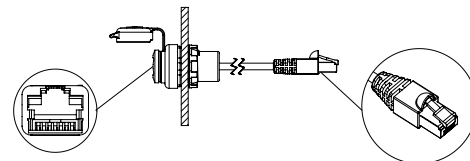
Versions with socket and with cable

To make device installation versatile and suitable for any situation, two versions are offered:

- with female socket-to-female socket connection



- with female socket / cable / male connector (available in different lengths)



Dimensions

